

Middle Grades Science
Master of Arts in Teaching (MAT) Degree Requirements
39 Graduate Credit Hours

Candidate Name: _____

Semester of Program Start: _____ Semester of Program Completion: _____

Admission to the Graduate Certificate in Teaching Program

1. An undergraduate degree from a regionally accredited 4-year institution.																
2. A minimum GPA of 2.5																
3. One of the following: <ul style="list-style-type: none"> a. A relevant undergraduate degree OR b. 24 hours of approved content (21 hours as listed below and three credits of Science Methods from Phase I of Graduate Certificate) <p>*Three credit hours must come from this list:</p> <table border="0"> <tr> <td>Biology</td> <td>Anatomy & Physiology</td> <td>Ecology</td> </tr> <tr> <td>Histology</td> <td>Genetics</td> <td>Botany</td> </tr> <tr> <td>Geology</td> <td>Physical Science</td> <td></td> </tr> <tr> <td>Zoology</td> <td></td> <td></td> </tr> </table> <p>*Six credit hours must come from:</p> <p>Chemistry</p> <p>*Six credit hours must come from:</p> <p>Physics</p> <p>*Six credit hours must come from this list:</p> <table border="0"> <tr> <td>Earth Science</td> <td>Environmental Science</td> <td>Astronomy</td> </tr> </table>	Biology	Anatomy & Physiology	Ecology	Histology	Genetics	Botany	Geology	Physical Science		Zoology			Earth Science	Environmental Science	Astronomy	<p><i>Circle the one that applies:</i> Biology, Chemistry, Physics, Earth Science, Geology, Physical Science, Astronomy, Science, Botany, and Genetics</p> <p><i>Completed coursework:</i></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
Biology	Anatomy & Physiology	Ecology														
Histology	Genetics	Botany														
Geology	Physical Science															
Zoology																
Earth Science	Environmental Science	Astronomy														

PHASE I. Graduate Certificate in Teaching for Middle Grades Science

Requirements (18 hours)

All courses in PHASE I and acceptance in the MAT program must be completed before beginning PHASE 2

	Semester	Grade
MDSK 6162: Planning for K-12 Instruction (3)	_____	_____
MDLG 5130: The Middle Grades Experience (3)	_____	_____
READ 5255: Integrating Reading and Writing in the Content Areas (3)	_____	_____
EDUC 5100: Diverse Learners (3)	_____	_____
MDSK 5251: Teaching Middle and Secondary School Learners (3)	_____	_____
Final Course in this phase:		
MDSK 6470: Graduate Student Teaching and Internship (3)	_____	_____
*This final course is a full-time internship requiring employment as a science teacher in an approved middle school or a non-paid placement with a licensed science teacher in a public middle school. It requires application and approval during the semester prior to the internship.		
All candidates must pass Praxis II Specialty Area exams _____ (date)		
Application for the A license filed in the TEALR office _____ (date)		

Admission to the Master of Arts in Teaching Program		
<i>*Applications may be submitted during the last semester of the Graduate Certificate in Teaching Program.</i>		
1. Completion of the Graduate Certificate in Teaching		
2. A minimum graduate GPA of 3.5 in the Graduate Certificate in Teaching		
3. One recommendation from a full-time faculty member who has taught you in the Graduate Certificate in Teaching Program		
PHASE 2: Completion of the MAT Degree		
Requirements (21 hours)		
<i>All courses in PHASE I and acceptance in the MAT program must be completed before beginning PHASE 2</i>		
	Semester	Grade
RSCH 6101: Research Methods (3)	_____	_____
MDLG 6225: Issues in Middle Grades Education (3)	_____	_____
MDSK 6220: Adolescence and Learning (3)	_____	_____
XXXX xxxx: Three hours in Graduate content courses (3)	_____	_____
MDSK 6251: Advanced Methods in Middle and Secondary Science (3)	_____	_____
<u>Final Courses in Phase II</u>		
MDSK 6260: Teacher Leadership (3)	_____	_____
MDSK 6691: Seminar in Professional Development (3)	_____	_____
<i>Application for candidacy filed with the Graduate School _____ (date)</i>		
<i>Application for graduation filed with the Graduate School _____ (date)</i>		
<i>Report of project/portfolio sent to the Graduate School _____ (date)</i>		
<i>Application for "M" license filed in TEALR Office _____ (date)</i>		